

KINCAID & ASSOCIATES, PC

Consulting Engineers

Mechanical • Electrical • Plumbing • Fire Protection • Value Engineering

P.O. Box 3476
Lynchburg, Virginia 24503

828 Main Street, Suite 1402
Lynchburg, Virginia 24504

phone: 434-455-1560
fax: 434-455-1561

To: **All Document Holders**

From: **KINCAID & ASSOCIATES, PC**

Date: August 30, 2010

Comm. No.: 10012

Project: DBVI Azalea Avenue Campus – Replace Fire Alarm System in Five (5) Buildings
Project Code: 702-13942-29

RE: **Addendum No. 2**


Gentlemen:

Enclosed for your information is a copy of Addendum No. 2, including changes and modifications to the Specifications and Drawings, for the above referenced project.

Please attach this addendum to all copies of the Contract Documents in your possession so that they may be brought up-to-date.

Acknowledgment of receipt of this addendum is required on the Bid Form.

Sincerely,
KINCAID & ASSOCIATES, PC



David A. Kincaid, PE

Enclosure

KINCAID & ASSOCIATES, PC

Consulting Engineers

Mechanical • Electrical • Plumbing • Fire Protection • Value Engineering

P.O. Box 3476
Lynchburg, Virginia 24503

828 Main Street, Suite 1402
Lynchburg, Virginia 24504

phone: 434-455-1560
fax: 434-455-1561

To: **All Document Holders**

From: **KINCAID & ASSOCIATES, PC**

Date: August 30, 2010

Comm. No.: 10012

Project: DBVI Azalea Avenue Campus – Replace Fire Alarm System in Five (5) Buildings
Project Code: 702-13942-29

RE: **Addendum No. 2**

At the time of submission of bids, written acknowledgment of receipt of this Addendum by the Bidder shall be made in the appropriate blank on the Bid Form.

This Addendum has been issued to all Document Holders on record with our office. Bidders shall see that all Sub-Contractors are properly notified of the applicable provisions herein.

The information in this Addendum supersedes any contradictory information or omission set forth in the Contract Documents, including all previous addendums.

End of ADDENDUM NO. 2

Addendum No. 2 dated August 30, 2010, to Bidding Documents for Department for the Blind and Vision Impaired – Richmond, VA: Replace Fire Alarm System in Five (5) Buildings at the Azalea Avenue Campus, Plans and Specifications dated August 4, 2010, K&A File No. 10012.

TO: PLAN HOLDERS OF RECORD

**FROM: KINCAID & ASSOCIATES, PC
828 Main Street, Suite 1402
Lynchburg, VA 24504**

This Addendum forms a part of the Contract Documents and modifies the Plans and Specifications dated August 4, 2010, as noted below. Acknowledge receipt of this Addendum on the Bid Form. Failure to do so may subject Bidder to disqualification.

SPECIFICATIONS

SECTION 13850 – NETWORKED FIRE ALARM SYSTEM – PARAGRAPH 3.2
B.

Revise as follows:

B. Provide UL listed plenum cable above ceilings. Provide cable in surface metal raceway as Specified in Section 16130 "Raceways and Boxes" on exposed finished surfaces. Provide cable in EMT in exposed unfinished areas.

DRAWINGS

E5, E7, and E15: See attached sketches SKE-1, SKE-2, and SKE-3 (See attached).

E1: Add the following General Note 13:

13. Existing raceways may be reused if properly supported. Remove all existing raceways, boxes, etc. where existing equipment or devices are removed. Cut off raceways embedded in masonry and fill and finish to match adjacent surface.

E15: Add the following General Note 3:

3. Fiber optic cable is installed on the Campus to each building other than Dining Hall (refer to Construction Note 3 this sheet). The contractor shall provide fiber optic cable within the building from the

fire alarm control panel to the existing fiber optic cable. The Contractor shall terminate the fiber optic cable.

PRE-BID QUESTIONS

1. Question Re E8, E17, E18, & E19: The Drawings above show individual DACTs in each of the five network nodes. Since this installation will be an UL listed network can we have just one panel include a DACT for transmission? This will reduce equipment cost, monthly phone line charges, and annual monitoring fees.

Response: No. BCOM has ruled that in a campus installation such as this each building requires a DACT.

2. Question Section 13850 Paragraph 3.2B: Is the new system to be installed in 100% conduit? Code allows for installation of Free-run cable in concealed spaces. Can we run free run cable in concealed space, such as in walls, above drop ceiling, and in high ceiling bar joist? All surface mount wiring will be run in conduit.

Response: See Specification revision above.

3. Question Re E19: Riser shows Annunciator, Floor plan does not. Is there a requirement for an annunciator in the Library?

Response: Yes. See attached Sketch SKE-1.

4. Question Re E5 & E15: These drawings show the two Campus Monitoring Fire Alarm Control Panel and the Campus Monitoring Fire Alarm Annunciator side-by-side. If the Campus Monitoring Fire Alarm Control Panel has a display then the Campus Monitoring Fire Alarm Annunciator would be a duplicate display. Can we delete the annunciator if the FACP has the capability of a display?

Response: No. A separate annunciator is required as indicated. See Sketches for revised control panel locations.

5. Question Re Section 13850 Paragraph 2.3 A & I: Specification calls for LCD or VGA display. 2.3 I describes the network graphic annunciator as a 1/4 VGA touch screen. Is the network annunciator to be touch screen or can we use the considerably less expensive LCD display? Also, will both network displays be the same?

Response: The Control Panel may have either type as stated. The network annunciators shall be graphic as stated in 2.3 I. Both network annunciators shall be the same.

6. Question Re Section 13850 Paragraphs 2.6 M & N: Remote annunciators from individual building control panels are listed as graphic and LCD. Can we use the considerably less expensive LCD type annunciator?

Response: See response to question 5 above. The cited paragraphs do not both apply to the individual building annunciators, only paragraph N.

7. Question: Please confirm that the new fire alarm system needs to be fully operational and tested prior to decommissioning and removal of the existing systems, per each building.

Response: The Contractor may, at his option, either keep the existing fire alarm system operational or provide a 24 hour fire watch.

8. Question: Does the abandoned conduit system from the removed systems need to be removed from the exposed areas?

Response: See added General Note 13 to E1 above.

9. Question: Can open cabling be used in concealed areas or is a complete conduit system required?

Response: See Specification 13850 revision above.

10. Question Re 13850 Paragraph 1.4.C.6.a: Will the Owner provide required fiber optic cable for communications between fire alarm panels and network annunciator?

Response: See Add General Note 3 to E15 above.

11. Question Re 13850 Paragraph 2.4: Is a printer to be provided? Where will it be located?

Response: No, printers are not required.

12. Question Re 13850 Paragraph I: Network Graphic Annunciator. If custom graphics. 1/4 VGA touchscreen which will permit uploading of custom bit-mapped graphics to display screen. This will require a computer with touchscreen. If this is required where will the computer be located?

Response: The Network Graphic Annunciator is Specified to be a complete unit. A computer is only required to upload the cited graphic.

13. Question Re 13850 Paragraph 1.5: Will the fire alarm contractor have to have his shop drawings stamped and sealed by a Professional Engineer before the drawings are sent to Kincaid & Associates for review?

Response: Refer to Paragraph 1.5 and subparagraphs for submittal requirements.

END OF ADDENDUM NO. 2

DGS-30-272
(Rev. 02/01)

PREBID QUESTION FORM
(Use separate Form for each question submitted.)

Date: 08/20/10

Project: **Replace Fire Alarm Systems in Five (5) Buildings**

PC# 702-13942-29

The following question concerns Drawing Sheet (number) E8, E17, E18, E19:

Drawings above show individual DACTs in each of the five network nodes.

Since this installation will be an UL listed network can we have just one panel include
a DACT for transmission? This will reduce equipment cost, monthly phone line
charges, and annual monitoring fees.

The following question concerns Specifications Section (number) _____,
page _____, paragraph _____,

All responses to questions will be made by Addendum.

Question submitted by: David Herrmann SimplexGrinnell LP
Name Organization

Mail Form To: KINCAID & ASSOCIATES,
828 Main Street,
Suite 1402,
Lynchburg, Virginia 24504
or FAX to: (434) 455-1561

DGS-30-272
(Rev. 02/01)

PREBID QUESTION FORM
(Use separate Form for each question submitted.)

Date: 08/20/10

Project: **Replace Fire Alarm Systems in Five (5) Buildings**

PC# 702-13942-29

The following question concerns Drawing Sheet (number) _____:

The following question concerns Specifications Section (number) 13850_____,
page 19, paragraph 3.2.B,

Is the new system to be installed in 100% conduit? Code allows for installation of
Free-run cable in concealed spaces. Can we run free run cable in concealed space, such
as in walls, above drop ceiling, and in high ceiling bar joist? All surface mount wiring will
be run in conduit.

All responses to questions will be made by Addendum.

Question submitted by: David Herrmann SimplexGrinnell LP
Name Organization

Mail Form To: KINCAID & ASSOCIATES,
828 Main Street,
Suite 1402,
Lynchburg, Virginia 24504
or FAX to: (434) 455-1561

DGS-30-272

(Rev. 02/01)

PREBID QUESTION FORM
(Use separate Form for each question submitted.)

Date: 08/20/10

Project: Replace Fire Alarm Systems in Five (5) Buildings

PC# 702-13942-29

The following question concerns Drawing Sheet (number) E 19 :

Riser shows Annunciator, Floor plan does not. Is there a requirement for an annunciator
in the Library?

The following question concerns Specifications Section (number) _____,
page _____, paragraph _____,

All responses to questions will be made by Addendum.

Question submitted by: David Herrmann SimplexGrinnell LP
Name Organization

Mail Form To: KINCAID & ASSOCIATES,
828 Main Street,
Suite 1402,
Lynchburg, Virginia 24504
or FAX to: (434) 455-1561

DGS-30-272
(Rev. 02/01)

PREBID QUESTION FORM
(Use separate Form for each question submitted.)

Date: 08/20/10

Project: Replace Fire Alarm Systems in Five (5) Buildings

PC# 702-13942-29

The following question concerns Drawing Sheet (number) E5 & E15 :

These drawings show the two Campus Monitoring Fire Alarm Control Panel and the
Campus Monitoring Fire Alarm Annunciator side-by-side. If the Campus Monitoring
Fire Alarm Control Panel has a display then the Campus Monitoring Fire Alarm Annunciator
would be a duplicate display. Can we delete the annunciator if the FACP has the capability
of a display?

The following question concerns Specifications Section (number) _____,
page _____, paragraph _____,

All responses to questions will be made by Addendum.

Question submitted by: David Herrmann SimplexGrinnell LP
Name Organization

Mail Form To: KINCAID & ASSOCIATES,
828 Main Street,
Suite 1402,
Lynchburg, Virginia 24504
or FAX to: (434) 455-1561

DGS-30-272

(Rev. 02/01)

PREBID QUESTION FORM
(Use separate Form for each question submitted.)

Date: 8/30/10

Project: Replace Fire Alarm Systems In Five (5) Buildings

PC# 702-13942-29

The following question concerns Drawing Sheet (number) SECTION 13850, 2.3A & I

2.3A CALLS FOR LCD OR V/A DISPLAY.
2.3I DESCRIBES THE NETWORK GRAPHIC
ANNUN. AS A 1/4 V/A TOUCH SCREEN. IS THE
NETWORK ANNUNCIATOR TO BE TOUCH SCREEN
OR CAN WE USE THE CONSIDERABLY LESS
EXPENSIVE LCD DISPLAY? ALSO WILL BOTH
NETWORK DISPLAYS BE THE SAME?

The following question concerns Specifications Section (number) 13850
 page 14, paragraph 2.6 M & N

REMOTE ANNUNCIATORS FROM INDIVIDUAL Bldg.
CONTROL PANELS ARE WISSED AS GRAPHIC
AND LCD. CAN WE USE THE CONSIDERABLY
LESS EXPENSIVE LCD TYPE ANNUNCIATOR?

All responses to questions will be made by Addendum.

Question submitted by: MARIL BELCHER FIRE PROTECTION
 Name Organization EQT. CO.

Mail Form To: KINCAID & ASSOCIATES,
 828 Main Street,
 Suite 1402,
 Lynchburg, Virginia 24504
 or FAX to: (434) 453-1561



DGS-30-272
(Rev. 02/01)

PREBID QUESTION FORM
(Use separate Form for each question submitted.)

Date: 8/30/2010

Project: Replace Fire Alarm Systems in Five (5) Buildings

PC# 702-13942-29

ALC

The following question concerns Drawing Sheet (number) FIRE ALARM

PLEASE CONFIRM THAT THE NEW FIRE ALARM
SYSTEM NEEDS TO BE FULLY OPERATIONAL
AND TESTED PRIOR TO DECOMMISSIONING AND
REMOVAL OF THE EXISTING SYSTEMS, PER EACH
BUILDING

The following question concerns Specifications Section (number) _____,
page _____, paragraph _____.

All responses to questions will be made by Addendum.

Question submitted by: J. Poe CES
Name Organization

Mail Form To: KINCAID & ASSOCIATES,
828 Main Street,
Suite 1402,
Lynchburg, Virginia 24504
or FAX to: (434) 455-1561

DGS-30-272
(Rev. 02/01)

PREBID QUESTION FORM
(Use separate Form for each question submitted.)

Date: 8/30/2010

Project: Replace Fire Alarm Systems in Five (5) Buildings

PC# 702-13942-29

The following question concerns Drawing Sheet (number) ALL FA SYSTEM:

DOES THE ABANDONED CONDUIT FROM
THE REMOVED SYSTEMS NEED TO BE
REMOVED FROM EXPOSED AREAS?

The following question concerns Specifications Section (number) _____,
page _____, paragraph _____,

All responses to questions will be made by Addendum.

Question submitted by: J. CBE CES
Name Organization

Mail Form To: KINCAID & ASSOCIATES,
828 Main Street,
Suite 1402,
Lynchburg, Virginia 24504
or FAX to: (434) 455-1561

DGS-30-272
(Rev. 02/01)

PREBID QUESTION FORM
(Use separate Form for each question submitted.)

Date: 8/30/2010

Project: Replace Fire Alarm Systems in Five (5) Buildings

PC# 702-13942-29

ALL

The following question concerns Drawing Sheet (number) FIRE ALARM:

CAN OPEN CABLING BE USED IN
CONCEALED AREAS OR IS A COMPLETE
CONDUIT SYSTEM REQUIRED?

The following question concerns Specifications Section (number) _____,
page _____, paragraph _____

All responses to questions will be made by Addendum.

Question submitted by: J. Cope CES
Name Organization

Mail Form To: KINCAID & ASSOCIATES,
828 Main Street,
Suite 1402,
Lynchburg, Virginia 24504
or FAX to: (434) 455-1561



DGS-30-272
(Rev. 02/01)

PREBID QUESTION FORM
(Use separate Form for each question submitted.)

Date: 8/30/10

Project: Replace Fire Alarm Systems in Five (5) Buildings

PC# 702-13942-29

The following question concerns Drawing Sheet (number) _____:

The following question concerns Specifications Section (number) 13850
page 2, paragraph 1.4.6.A.

Will the owner provide required
fiber optic cable for communication between
fire alarm panels and network annunciators

All responses to questions will be made by Addendum.

Question submitted by: PAUL JOYCE COMMUNICATIONS SPECIALISTS
Name Organization

Mail Form To: KINCAID & ASSOCIATES,
828 Main Street,
Suite 1402,
Lynchburg, Virginia 24504
or FAX to: (434) 455-1561

DGS-30-272

(Rev. 02/01)

PREBID QUESTION FORM
(Use separate Form for each question submitted.)Date: 8/30/2010

Project: Replace Fire Alarm Systems In Five (5) Buildings

PC# 702-13942-29

The following question concerns Drawing Sheet (number) _____:

The following question concerns Specifications Section (number) 13850,
page 13, paragraph 2.4,Is a printer to be provided? Where will
it be located.

All responses to questions will be made by Addendum.

Question submitted by: PAUL JOYCE Communication Specialists
Name OrganizationMail Form To: KINCAID & ASSOCIATES,
828 Main Street,
Suite 1402,
Lynchburg, Virginia 24504
or FAX to: (434) 455-1561

DGS-30-272

(Rev. 02/01)

PREBID QUESTION FORM

(Use separate Form for each question submitted.)

Date: 8/30/2010

Project: Replace Fire Alarm Systems in Five (5) Buildings

PC# 702-13942-29

The following question concerns Drawing Sheet (number) _____:

The following question concerns Specifications Section (number) 13850,
page 13, paragraph I,

Network Graphic Annunciator, 16 custom
graphics, 1/4 VGA Touchscreen which will
permit uploading of custom bit-mapped
graphics to display screen. This will require
a computer with touchscreen. If this is
required where will the computer be located.

All responses to questions will be made by Addendum.

Question submitted by: Paul Joyce Communication Specialist
Name OrganizationMail Form To: KINCAID & ASSOCIATES,
828 Main Street,
Suite 1402,
Lynchburg, Virginia 24504
or FAX to: (434) 455-1561

DGS-30-272

(Rev. 02/01)

PREBID QUESTION FORM

(Use separate Form for each question submitted.)

Date: 8/30/2010

Project: Replace Fire Alarm Systems in Five (5) Buildings

PC# 702-13942-29

The following question concerns Drawing Sheet (number) _____:

The following question concerns Specifications Section (number) 13850,
page 5, paragraph E.

Will the fire alarm contractor have to
have his shop drawings stamped / sealed by
a Professional Engineer before the drawings
are sent to Kincaid & Associates for
review.

All responses to questions will be made by Addendum.

Question submitted by: Paul Joya Communications Specialist
Name OrganizationMail Form To: KINCAID & ASSOCIATES,
828 Main Street,
Suite 1402,
Lynchburg, Virginia 24504
or FAX to: (434) 455-1561

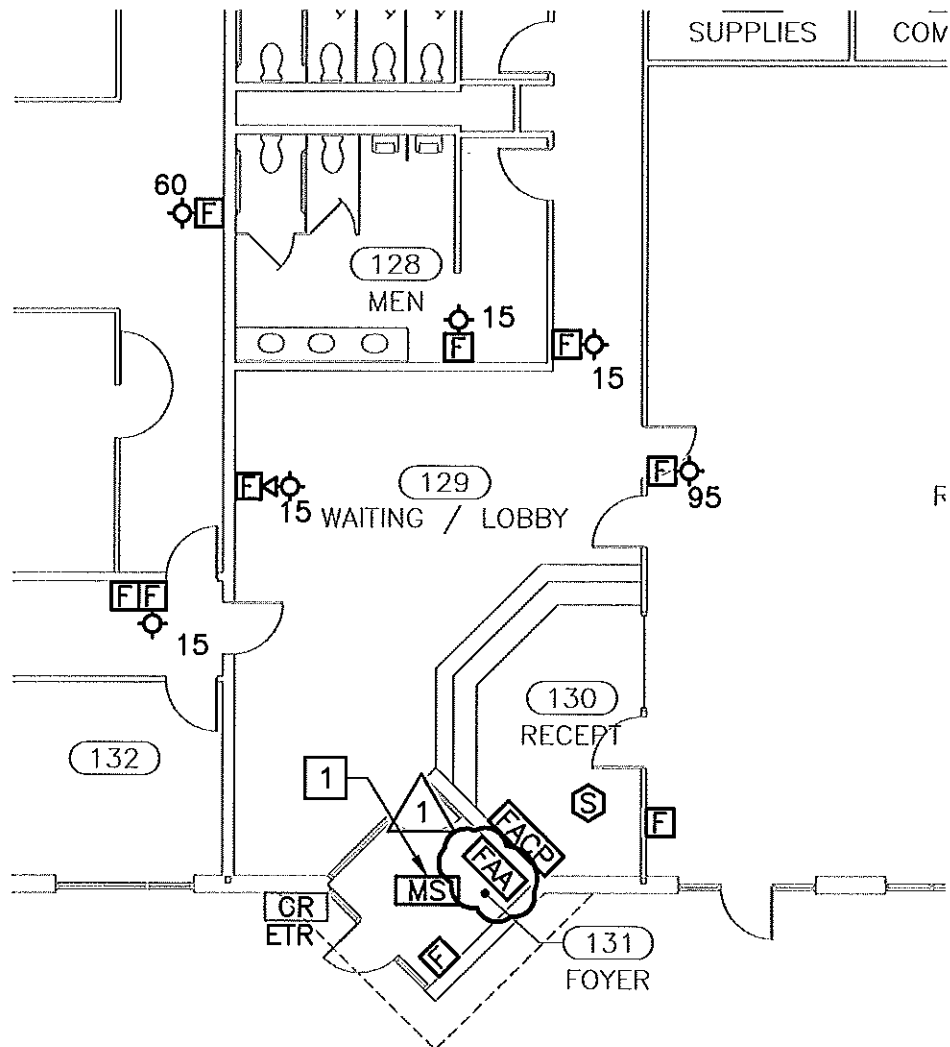
KINCAID & ASSOCIATES, PC

MECHANICAL • ELECTRICAL • PLUMBING • FIRE PROTECTION

828 MAIN STREET, SUITE 1402
LYNCHBURG, VA 24504
PHONE: 434-455-1560 • FAX: 434-455-1561

P.O. BOX 3476
LYNCHBURG, VA 24503

By: B. WILLIAMS	Date: 8/30/2010	Proj. No.: 10012	Rev: <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">1</div>	SK No.: SKE-1
Client: DBVI				DWG No.: 10012E7
Project: REPLACE FIRE ALARM SYSTEMS IN 5 BUILDINGS, AZALEA AVENUE CAMPUS				Scale: 3/32"=1'-0"
Subject: FIRE ALARM ANNUNCIATOR PANEL IN FOYER				Page: 1 of 3



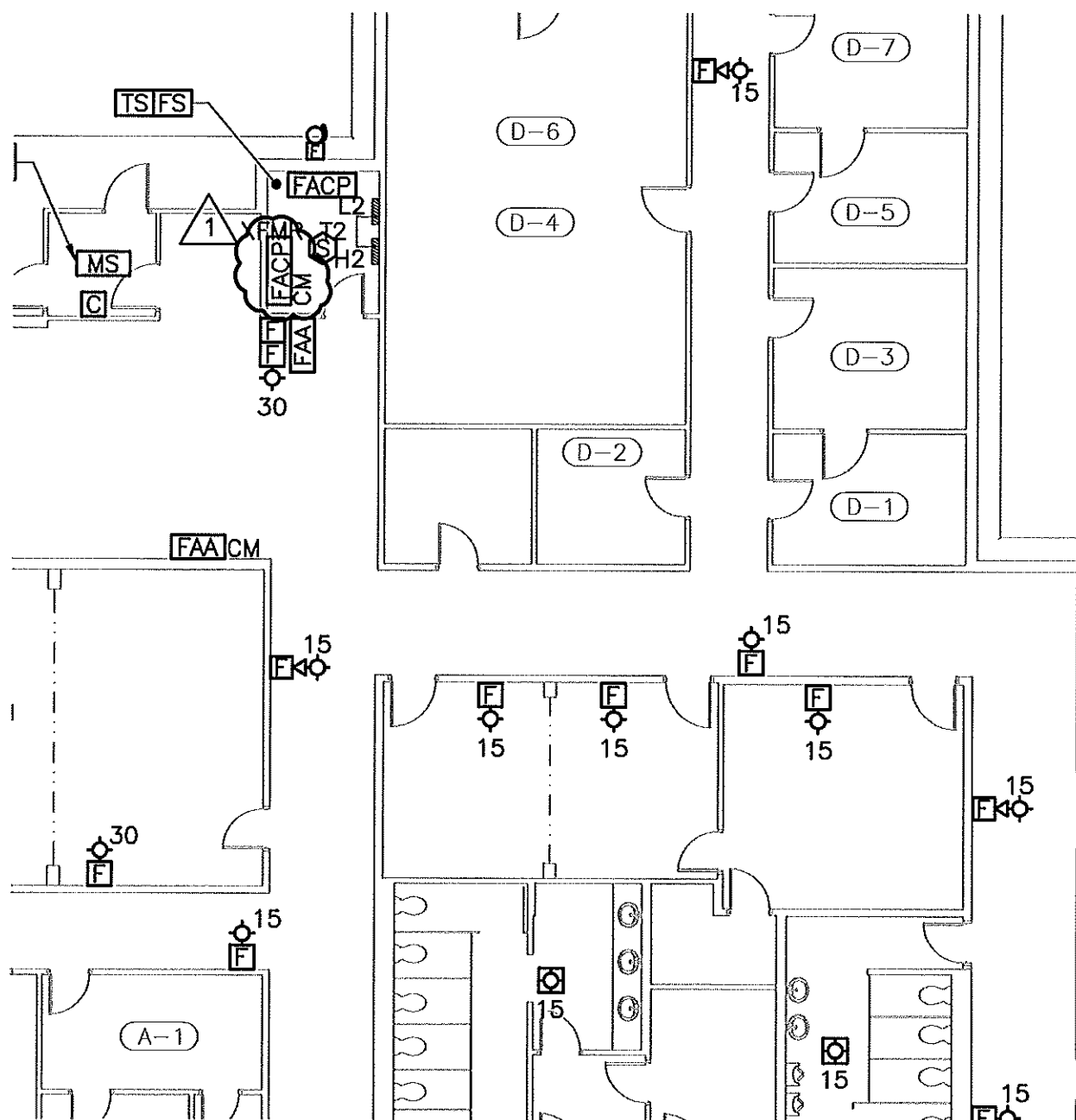
KINCAID & ASSOCIATES, PC

MECHANICAL • ELECTRICAL • PLUMBING • FIRE PROTECTION

828 MAIN STREET, SUITE 1402
LYNCHBURG, VA 24504
PHONE: 434-455-1560 • FAX: 434-455-1561

P.O. BOX 3476
LYNCHBURG, VA 24503

By: B. WILLIAMS	Date: 8/30/2010	Proj. No.: 10012	Rev: <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">1</div>	SK No.: SKE-2
Client: DBVI				DWG No.: 10012E5
Project: REPLACE FIRE ALARM SYSTEMS IN 5 BUILDINGS, AZALEA AVENUE CAMPUS				Scale: 3/32"=1'-0"
Subject: FIRE ALARM CONTROL PANEL LOCATION				Page: 2 of 3



KINCAID & ASSOCIATES, PC

MECHANICAL • ELECTRICAL • PLUMBING • FIRE PROTECTION

828 MAIN STREET, SUITE 1402
LYNCHBURG, VA 24504
PHONE: 434-455-1560 • FAX: 434-455-1561

P.O. BOX 3476
LYNCHBURG, VA 24503

By: B. WILLIAMS	Date: 8/30/2010	Proj. No.: 10012	Rev: 1	SK No.: SKE-3
Client: DBVI				DWG No.: 10012E15
Project: REPLACE FIRE ALARM SYSTEMS IN 5 BUILDINGS, AZALEA AVENUE CAMPUS				Scale: 1/8"=1'-0"
Subject: FIRE ALARM CONTROL PANEL LOCATION IN DORMITORY BLDG				Page: 3 of 3

